

Appl. No. 09/760,321
Amdt. dated July 6, 2005
Reply to Office Action of April 6, 2005

AFTER FINAL EXPEDITED PROCEDURE

This listing of claims replaces all prior versions, and listings of claims in the instant application:

Listing of Claims:

1. (Cancelled)

2. (Cancelled)

3. (Cancelled)

4. (Previously Presented) A method comprising:
generating a binary specification object for a first execution environment;

generating a binary specification object for a second execution environment;

generating a bridge object wherein said bridge object is used in mapping objects from said second execution environment to said first execution environment; and

using said bridge object to generate a proxy wrapping an interface in said second execution environment.

5. (Cancelled)

6. (Previously Presented) A method for using functionality in a second execution environment in a first execution environment comprising:

calling a method in a proxy interface in said first execution environment; and

converting said method call by said proxy interface to a corresponding method call for execution in said second execution environment, wherein said converting said method call further comprises:

GUNNISON, MCKAY &
HODGSON, LLP
Gardens West Office Plaza
1980 Garden Road, Suite 220
Mountain View, CA 94031
(650) 555-0888
Fax: (650) 555-0888

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using a type description to convert parameters
from said first execution environment to said second
execution environment.

7. (Cancelled)

8. (Cancelled)

9. (Cancelled)

10. (Cancelled)

11. (Original) The method of Claim 6 wherein said second
execution environment is a C++ programming language execution
environment.

12. (Original) A method for using functionality in a
second execution environment in a first execution environment
comprising:

calling a method in a proxy interface in said first
execution environment;

converting said method call by said proxy interface
to a corresponding method call for execution in said
second execution environment, wherein said converting said
method call comprises:

using a type description to convert parameters
from said first execution environment to said second
execution environment; and

dispatching said corresponding method call for
execution in said second execution environment to said
second execution environment by said proxy interface.

13. (Original) The method of Claim 12 further
comprising:

GUNNISON, MCKAY &
HODGSON, LLP.
Gardes West Office Plaza
1000 Gardner Road, Suite 220
Mastery, CA 93940
(831) 655-0886
Fax (831) 655-0888

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executing said corresponding method call in said second execution environment, and returning results of said execution to said proxy interface.

14. (Original) The method of Claim 13 further comprising:

using a type description to convert said returned results from said second execution environment to said first execution environment.

15. (Cancelled)

16. (Cancelled)

17. (Cancelled)

18. (Previously Presented) A computer program product comprising computer program code for a method for using functionality in a second execution environment in a first execution environment, said method comprising:

calling a method in a proxy interface in said first execution environment; and

converting said method call by said proxy interface to a corresponding method call for execution in said second execution environment wherein said converting said method call further comprises:

using a type description to convert parameters from said first execution environment to said second execution environment.

19. (Original) The computer program product of Claim 18 wherein said method further comprises:

GUNNISON, MCKAY &
HODGSON, L.L.P.
Garden Way Office Plaza
1900 Ginkgo Road, Suite 220
Monterey, CA 93940
(831) 655-0888
Fax (831) 655-0888

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dispatching said corresponding method call for execution in said second execution environment to said second execution environment by said proxy interface.

20. (Cancelled)

21. (Original) The computer program product of Claim 19 wherein said method further comprises:

executing said corresponding method call in said second execution environment, and returning results of said execution to said proxy interface.

22. (Original) The computer program product of Claim 21 wherein said method further comprises:

using a type description to convert said returned results from said second execution environment to said first execution environment.

23. (Cancelled)

24. (Cancelled)

25. (Cancelled)

26. (Cancelled)

27. (Cancelled)

28. (Cancelled)

GUNNISON, MCKAY &
HODGSON, LLP.
Garden West Office Plaza
1500 Garden Road, Suite 220
Mountain View, CA 94031
(415) 963-0000
Fax (415) 963-0001